ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 103 (1995) 299

COLLOIDS AND SURFACES A

Author Index

Abe, T. 265
Ariga, K. 183
Austad, T. 73, 83

Balard, H. 111
Biggs, S.R. 289
Birault, V. 183
Bonincontro, A. 105
Briganti, G. 105

Caruso, F. 147
Castañeda, A. 119
Chakrabarty, S. 59
Chakrabarty, T. 59
Chakravarti, A.K. 59
Chowdhury, S.B. 59
Cisneros, B.A. 119
Czernuszka, J.T. 23

Drummond, C.J. 195

Eberl, M. 1
Eisazadeh, H. 281
Elliot, D.J. 207

Furlong, D.N. 147, 207

Garrett, P.R. 127
Gengenbach, T.R. 207
Gilmore, K.J. 281
Gorbik, P.P. 41
Gratton, P.L. 127
Grieser, F. 167, 207

Hadjar, H. 111
Hall, R.A. 167
Hanai, K. 173
Healy, T.W. 289
Hernández-Vargas, M.E. 37
Higashi, N. 265
Ho, C.C. 11
Hodgson, A.J. 281
Hoffman, C.L. 207
Hyde, S.T. 227

Johnson, S.B. 195

Kagawa, S. 173
Kamata, S. 257
Kamino, A. 183
Kimizuka, N. 167
Kiriyama, K. 47
Kunitake, T. 167, 183
Kurihara, K. 265

Laguta, I.V. 41
Landman, K.A. 1
Lee, K.C. 11
Ly, T.V. 83

Macías, E.R. 119
Makino, K. 221
Matsuura, K. 147
Mendizábal, E. 119
Minardi, R.M. 37
Moriguchi, I. 173
Morini, M.A. 37
Mukherjee, D.C. 59

Nagamura, T. 257
Nagaoka, H. 173
Nakashima, N. 159
Nakatani, Y. 183
Nemoto, N. 47
Nii, H. 173
Nishimura, S. 195, 289
Niwa, M. 265

Ogenko, V.M. 41
Ohshima, H. 221. 249
Okahata, Y. 147
Okano, T. 221
Okubo, T. 47
Ourisson, G. 183

Papirer, E. 111
Pozzi, G. 183
Puig, J.E. 37, 119

Rabolt, J.F. 207
Rodríguez Niño, M.R. 91
Rodríguez Patino, J.M. 91
Rodríguez-Guadarrama, L.A. 119

Sakurai, Y. 221
Scales, P.J. 1, 195, 289
Schulz, P.C. 37
Spinks, G. 281
Suzuki, K. 221

Taguchi, T. 159
Taugbøl, K. 73, 83
Teraoka, Y. 173
Thistlethwaite, P.J. 167
Turov, V.V. 41

Urquhart, R.S. 147, 207

Vukusic, P.S. 147

Wallace, G.G. 281
Warr, G.G. 273
Wong, A.T.-C. 23

Yamaoka, H. 47

ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 103 (1995) 301–302

COLLOIDS AND SURFACES A

Subject Index

Absorption spectrum 167
Adsorbed surfactant 195
Adsorption 137, 181, 289
Adsorption behaviour 81
Aggregation 167
Agregation 289
Air–water interface 21
Air/water interface 69, 91, 99, 127, 167, 203
Alkyltrimethylammonium bromides 181
Ammonium perfluoro-octanoate 203
Amphiphiles 117
Amphiphilic diacetylene with ferrocene 57
Amphiphilic porphyrin 257
Amplified fluorescence quenching 31
Anisotropic crystal growth 99
Aqueous interfaces 143
Aqueous solution 1, 195
Arachidic acid 257
Area–temperature isobars 69
Atomic force microscopy 45, 289

Bacillus sphaericus CCM 2177 99
Belousov–Zhabotinskii reaction 39
Benzothiazolium dye 133
Binary mixtures 231
Brewster angle microscopy 257
Brush layers 265

Carboxylate soaps 81
Cationic surfactants 289
Characterisation 213
Collapse pressure 257
Composite materials 227
Condensation effect 183
Conducting polymer colloids 281

Dilational elasticity 191
Dilational viscosity 191
Dimyristoylphosphatidylcholine bilayers 247

Electrical double layers 195
Electroactive polymers 281
Electrocoagulation 281
Electroosmosis 221
Electrophoresis 221, 249
Electrophoretic mobility 249
Electrostatic potentials 195
Elongational rheology 273

Flow rate 147
Fluorescence microscopy 167
Förster energy transfer 1
FT-IR spectroscopy 265

Gibbs surface excess parameters 21
Gold electrodes 159

Hemicyanine 167
Hemimicelle structures 289
Hexadecyltrimethylammonium chloride 195
Hydrogel 221
Hydrophobicity 143

Immunoglobulin G 147
Immunosensor 147
Inhomogeneous aggregation 31
Interfacial activity 91
Ion flotation 81
Isotherms 173
π-A Isotherms 183

J- and H-aggregates 57

L1 11-(9-Carbazolyl)undecanoic acid 31
Langmuir–Blodgett films 1, 31, 45, 117, 133, 173, 207, 257
Langmuir–Blodgett multilayers 105
Line tension 167
Lipids 167
Liposomes 159

Liquids 167
Lyotropic mesophases 227

Mercury arachidate 45
Mercury behenate 45
Mercury sulphide 45
Mesogenic moieties 117
Mesoporous molecular sieve 213
Mica–water interface 289
Micelles 195
Microemulsions 273
Mixed monolayers 75, 173
Molecular dynamics 143
Molecular ordering 117
Monolayer 39, 167
Monolayers 69, 159
Monomolecular films 231

Neutron reflectivity 127
(*N,N'*-alkanediyl)bismorpholines 137
Non-ionic surfactant mixtures 127
Non-ionic surfactants 91

Octadecylureas 69
Optical properties 133
Organosilanes 181

Palladium(II) 207
Palmitic acid 31
Perpendicular intermolecular tunneling 257
Phase-transition temperature 159
Phospholipids 231
Photoelectric properties 257
Photopolymerization in monolayers 57
Platinum(II) 207
Platinum(IV) 207
poly(1-octadecylene-co-maleic anhydride) 191
Poly(L-glutamic acid) 265
Polymer monolayers 75
Poly(N-isopropylacrylamide) 221
Polyprenyl phosphate monolayers 183
Polyterpenoids 183
poly(vinyl acetate) 191

Principal factor analysis 167
Protein adsorption 147

Q-state 45
Quartz-crystal microbalance gravimetry 45

Reinforcers 183
$Ru(bpy)_3^{2+}$ 39

Self-assembled monolayers 159
Self-assembly 91
Shear 273
Silica surfaces 181 195
Size-confined metal sulfides 173
Soft particles 249
"Soft" surfaces 221
Squarylium dyes 57
Steric forces 265
Structure 227
Sugar-based surfactants 91
Supersaturated monolayers 257
Surface-confined structures 247
Surface chemistry 231
Surface film 159
Surface light scattering 191
Surface plasmon resonance 147
Surface pressure 159
Surface pressure gradients 75
Surface viscoelasticity 191
Surfactant structure 81
Swelling 227
Synthesis 213

Ternary microemulsions 273
Thermodynamics 231

UV–visible spectra of monolayers 57
UV/visible spectroscopy 45

Vesicle suspensions 247

X-ray diffraction 173
X-ray photoelectron spectroscopy 45
X-ray reflectivity 247
XPS film thickness 181